

WHAT IS CLAIMED IS:

1. Heat exchanger unit comprising:

a first heat exchanger for flowing internal fluid therein and cooling the internal fluid; and

a second heat exchanger disposed downstream of the internal fluid from the first heat exchanger,

wherein the first and second heat exchangers are made of first and second materials, respectively, and

wherein the first material is different from the second material.

2. The heat exchanger unit according to claim 1,

wherein the internal fluid is cooled by the first and second heat exchangers in this order, and

wherein the first material is superior to the second material with regard to mechanical strength against high temperature.

3. The heat exchanger unit according to claim 2,

wherein the first material is copper or copper based material, and

wherein the second material is aluminum or aluminum based material.

4. The heat exchanger unit according to claim 1,

wherein the internal fluid is air for being supercharged and sucked into an engine of a vehicle, and

wherein the first and second heat exchangers are first and

second intercoolers, respectively.

5. The heat exchanger unit according to claim 3,  
wherein the first and second heat exchangers are disposed in  
a direction of external fluid for passing therethrough and cooling  
the internal fluid, and

wherein the first heat exchanger is disposed downstream of  
the external fluid from a radiator for cooling an engine of a vehicle,  
and disposed downstream of the external fluid from the second heat  
exchanger.

6. The heat exchanger unit according to claim 4,  
wherein the first and second heat exchangers are disposed in  
a direction of external fluid for passing therethrough and cooling  
the internal fluid, and

wherein the first heat exchanger is disposed upstream of the  
external fluid from the second heat exchanger.

7. The heat exchanger unit according to claim 5,  
wherein the second heat exchanger is disposed upstream of the  
external fluid from the radiator.

8. The heat exchanger unit according to claim 1,  
wherein the first and second heat exchangers are radiators,  
oil coolers, or condensers.

9. The heat exchanger unit according to claim 6,

wherein the second heat exchanger is disposed upstream of the external fluid from a radiator for cooling an engine of a vehicle.

10. The heat exchanger unit according to claim 3,  
wherein the temperature of the internal fluid flowing into the first heat exchanger is equal to and above 200°C, and  
wherein the temperature of the internal fluid flowing into the second heat exchanger is equal to and above 50°C.